

**SURVEY RESEARCH STUDY OF ENVIRONMENTAL/ ECONOMIC
IMPACTS OF A PROSPECTIVE MARINA SITE IN EVANSTON,
ILLINOIS**

A Survey Research Report

Prepared by:

**Planning Branch
Chicago District
U.S. Army Corps of Engineers**

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TABLE OF CONTENTS

<u>Section</u>	<u>Page</u>
Executive Summary	1
Main Report	7
- Introduction	7
- Survey Objectives.....	7
- Specific Information Needs	7
- Qualified Respondents.....	8
- Sample Design.....	8
- Data Collection Method/Instrument	8
- Required Protocol for Reporting Findings	8
- Report of Findings/Analysis.....	9
- Top-Line Results	10
- Cross Tabulations of Survey Data and Related Analytical Commentary	33
Conclusions.....	47
Summary Evaluation.....	48
Appendix.....	49
- Exhibit A	50
- Exhibit B.....	54

EXECUTIVE SUMMARY

of

SURVEY FINDINGS

SURVEY OBJECTIVES

This survey aimed to determine Evanston residents' perceptions of the environmental/economic impacts of a possible prospective marina site on the City's shoreline. Perceptions were also elicited from present recreational boat owners, and other respondents. The survey was designed to yield findings that would contribute, in part, to an assessment of the feasibility of a proposed shoreline development plan.

This **EXECUTIVE SUMMARY** focuses on survey findings that essentially meet the following three (3) criteria, which were selected to clearly aid municipal decision-making:

1. The findings selected directly work to satisfy the core **Specific Information Needs** supporting the **SURVEY OBJECTIVES**.
2. The numerical values reported for each of the selected values generally represent the (a) dominant values tabulated for a given series and generally exhibit the (b) largest differences between optional polar responses available to respondents (for example, favor/ oppose).
3. Where applicable, findings to questions requiring an expression of intensity of attitude/ feeling toward a given issue/ problem/ opportunity are also included.

Reactions to Various Use Proposals for Evanston Lake-Front

1. Expansion of Beaches

Comment: Approximately sixty (60) percent of respondents favor such expansion, with slightly less than one-half (1/2) of that number strongly favoring expansion.

2. More Parks and Green Space

Comment: Here again, there is strong support (nearly 75%) for this type of lake-front expansion, with strong intensity of attitude in support of this expansion option reported at about sixty (60) per cent.

3. Marina Harbor for Recreational Boating

Comment: The favor/ oppose ratio is clearly weighted toward “oppose” responses (11:13). Moreover, the intensity of opposition attitudes toward this option is nearly seventy (70) per cent among this sub-set of respondents.

Advantages/ Disadvantages of Building a Boat Harbor in Evanston

Comment: In the comparison between advantages and disadvantages of building a boat harbor in Evanston, by a wide margin the disadvantages predominate...the major one being “MORE TRAFFIC/ CONGESTION.” In response to the “ADVANTAGES” question, the largest entry by far was: “CAN’T THINK OF ANY ADVANTAGE.” However, at a much lower level of response, it was recognized that a harbor “WOULD BRING IN REVENUE TO THE CITY.”

Boat Harbor Effect on Quality of Life in Evanston

Comment: About 3/5 (60%) of the respondents stated that a boat harbor would affect quality of life in Evanston.

Of the 60% of respondents noted above, 151, or about 5 out of 8 (62.4%), stated that the effect on quality of life would be UNFAVORABLE.

Of those perceiving an unfavorable impact on quality of life, the primary ways contributing to this condition were specified as “MORE CONGESTION/ TRAFFIC” and “MORE AIR/ WATER POLLUTION.” These two (2) ways combined equaled about seventy nine (79) percent of the total of unfavorable “ways” responses.

Opinion on Whether Boat Harbor in Evanston Would Make a Difference to Environment

Comment: Three out of five (60%) of respondents stated “YES”...a boat harbor in Evanston would make a difference to the environment.

Of the two hundred forty (240) “YES” responses noted above, an overwhelming 90.4% said the harbor would have an UNFAVORABLE impact on the environment.

Of the 367 responses to the question of the ways in which a boat harbor would impact the environment, about 97% specified UNFAVORABLE impacts on the environment. Within this cohort of responses, the leading unfavorable “way” specified was “MORE AIR POLLUTION/ WATER POLLUTION/ NEGATIVE ENVIRONMENTAL IMPACTS,” with about 52% of the total responses, followed by “MORE TRASH” perceived with about 16% of total responses.

Opinions on Whether a Recreational Boat Harbor in Evanston Would Produce Various Impacts, as Specified Below

Comment: In contrast to previously noted unfavorable environmental impacts, respondents at the 70% level stated that the boat harbor would contribute to city revenues.

About one-half (1/2) of respondents stated that a boat harbor would not contribute to local youth recreation.

The economic value to local businesses of the presence of a harbor was recognized by about 55% of the respondents.

Respondents were about equally divided on the issue of whether a harbor would make the lake-front more interesting.

The preponderance (55%) of opinion was that the presence of a harbor would not attract more people to live in Evanston.

By a slight margin, respondents felt that the presence of a harbor would improve fishing opportunities.

About 3 out of 5 respondents (59.3%) averred that the presence of a boat harbor would contribute to job creation in Evanston.

Opinions on Whether the Building of a Recreational Boat Harbor in Evanston Would Be Accompanied by any One of a Possible Series of Problems, as Identified Below

Comment: Slightly over one-half (55.3%) expected a lake water quality problem, and over one-half of that number viewed the problem as serious.

About three-quarters (3/4) of respondents expected a problem with oil and gas discharges, and nearly one-half of this number regarded the potential problem as serious.

About 2 out of 5 (42.3%) expect lake-side or beach erosion to be a problem, while about one-fourth (25.3%) of respondents characterized the problem as serious.

Slightly over three-quarters (77.3%) of respondents expect changes in the noise level along the lake-front, with one-half (50.0%) regarding it as a serious problem.

Over 4 out of 5 (84.5%) expected automobile traffic congestion to be a problem with 2/3 (65.3%) identifying it as a serious problem.

Predictably, as a “companion” to traffic congestion, “parking” was recorded as an expected problem, and a serious one, with almost the identical metrics associated with traffic congestion, noted above.

“YES”/ “NO” responses were about equally divided relative to expecting a problem with the appearance of the lake-front. About one-third (34%) thought the problem would be serious.

By about a 3:2 margin, respondents did not expect a problem to arise in connection with quality/ quantity of fishing.

By about an 8:7 ratio, the “YES” exceeded the “NO” responses, in expected changes in water currents and circulation. About 1 out of 6 viewed the problem as serious.

By a 3:2 ratio, expectation of a problem of silt build-up exceeded a “NO” expectation of the same, with about 1/5 (22.5%) of respondents viewing the problem as serious.

By a 7:6 ratio, the “YES” exceeded the “NO” responses in expecting a problem with security/ground maintenance. About one-fourth (27.3%) regarded it as a serious problem.

Other Impacts from Boat Harbor in Evanston

Comment: By a 4.5:1 ratio, the respondents stated that all the impacts were previously identified.

Relative to Environmental Impacts, Favor/ Oppose Boat Harbor in Evanston

Comment: By a 5:3 ratio, respondents OPPOSE building a recreational boat harbor in Evanston after taking into consideration environmental impacts and benefits.

If Fees/ Taxes Covered Increased Costs Associated with Harbor, Respondents More/ Less Likely to Favor Boat Harbor in Evanston

Comment: By a small margin (5:4), the residents of Evanston are more likely to favor building a boat harbor in Evanston if the fees and taxes on marina operations and boaters were able to cover the increased costs of a boat harbor.

Chances of Applying for Slip if Boat Harbor is Built in Evanston

Comment: About 80% of the Evanston Residents surveyed definitely would not apply for a slip at a boat harbor built in Evanston, even if the costs were acceptable.

MAIN REPORT

INTRODUCTION

The survey findings reported here represent a partial response, by the Chicago District, Army Corps of Engineers, to an inquiry and request from the City of Evanston, Illinois, to study the feasibility of a small boat harbor/marina within the municipality's environs. The Chicago District designed the survey, supervised contractor data collection, and analyzed the findings. These findings, along with another survey evaluating demand for the harbor/marina facility, constitute requested reports to the City to aid subsequent municipal decision-making relative to the environmental/economic feasibility of such a facility.

SURVEY OBJECTIVES

This survey aimed to determine Evanston residents' perceptions of the environmental/economic impacts of a possible prospective marina site on the City's shoreline. Perceptions were also elicited from present recreational boat owners, and other respondents. The survey was designed to yield findings that would contribute, in part, to an assessment of the feasibility of a proposed shoreline development plan.

A. SPECIFIC INFORMATION NEEDS

To elicit perceptions from qualified respondents (specified later) of the:

1. Environmental Impacts Concerning:
 - Water Quality Changes
 - Fuel (oil/gas) Discharges
 - Water Circulation
 - Silt Build-Up
 - Noise Level Changes
 - Traffic Congestion
 - Parking Issues
 - Aesthetic Changes to Lake-Front
 - Other

2. Economic Impacts Concerning:

- Incremental Revenues Generated
 - By Taxes Imposed on Marina Operations
 - By Boat Fees/ Assessments
 - Other
- Incremental Costs Incurred By
 - By Security Services
 - By Facility/ Grounds Maintenance
 - Other

B. QUALIFIED RESPONDENTS

Male/ Female heads-of-households who were residents of Evanston for at least the last twelve (12) months.

C. SAMPLE DESIGN

A systematic random (probability) sample was drawn using Random Digit Dialing of residential telephone subscriber listings of subscribers who are domiciled within the City of Evanston proper.

Sample size required was 400. Expected margin of error fell within the range $\pm 5-7\%$ at the 95% level of confidence.

D. DATA COLLECTION METHOD/ INSTRUMENT

This survey used the telephone as the instrument of Data Collection. An initial attempt to contact each selected respondent plus up to three (3) follow-on attempts to contact was required prior to termination of Data Collection Activity.

E. REQUIRED PROTOCOL FOR REPORTING FINDINGS

Each category/class of perceived impact, subsumed under the broader titles of Economic/Environmental, was isolated in the reporting process to aid subsequent analysis.

REPORT OF FINDINGS/ ANALYSIS

This analysis is structured to feature/ highlight core survey findings that are deemed to most influence municipal decision-making related to the proposed lake-front marina.

These are characterized as Top-Line Results. Other secondary/ tertiary level survey results, addressing subsidiary information needs, are presented in tabular form in the Appendix. The Survey Questionnaire (Exhibit A) introduces the Appendix, and all following tabular presentations are keyed (numbered) to specific questions to aid understanding and facilitate reference. The Top-Line Results follow on the succeeding pages....

TOP-LINE RESULTS

Question Series 5a, b:

Reactions to Various Use Proposals Re: Evanston Lake-Front:

5a. Please tell me whether you FAVOR/ OPPOSE...EXPANSION OF EVANSTON BEACHES?

ALL RESPONDENTS	<u>TOTAL</u> 400 100.0%
FAVOR	242 60.5%
OPPOSE	79 19.7%
IF VOLUNTEERED: MAKES NO DIFFERENCE	30 7.5%
DON'T KNOW/ NOT ANSWERING	49 12.3%

5b. How strongly do you FAVOR/OPPOSE...EXPANSION OF EVANSTON BEACHES?

Note:

- Includes only those who took either a FAVOR or OPPOSE position

FAVOR	<u>TOTAL</u> 242 100.0%	OPPOSE	<u>TOTAL</u> 79 100.0%
FAVOR A LOT	112 46.3%	OPPOSE A LOT	41 51.9%
FAVOR A LITTLE	116 47.9%	OPPOSE A LITTLE	33 41.8%
FAVOR, BUT DON'T KNOW/ NOT ANSWERING	14 5.8%	OPPOSE, BUT DON'T KNOW/ NOT ANSWERING	5 6.3%

Comment: Approximately sixty (60) per cent of respondents favor such expansion, with slightly less than one-half (1/2) of that number strongly favoring expansion.

5a. Please tell me whether you FAVOR/ OPPOSE...MORE PARKS AND GREEN SPACE ALONG THE LAKE-FRONT?

ALL RESPONDENTS	<u>TOTAL</u> 400 100.0%
FAVOR	297 74.2%
OPPOSE	62 15.5%
IF VOLUNTEERED: MAKES NO DIFFERENCE	22 5.5%
DON'T KNOW/NOT ANSWERING	19 4.8%

5b. How strongly do you FAVOR/OPPOSE...MORE PARKS AND CLEAN GREEN SPACE ALONG THE LAKE-FRONT?

Note:

- Includes only those who took either a FAVOR or OPPOSE position

FAVOR	<u>TOTAL</u> 297 100.0%	OPPOSE	<u>TOTAL</u> 62 100.0%
FAVOR A LOT	181 60.9%	OPPOSE A LOT	21 33.9%
FAVOR A LITTLE	87 29.3%	OPPOSE A LITTLE	37 59.7%
FAVOR, BUT DON'T KNOW/ NOT ANSWERING	29 9.8%	OPPOSE, BUT DON'T KNOW/ NOT ANSWERING	4 6.4%

Comment: Here again, there is strong support (nearly 75%) for this type of lake-front expansion, with strong intensity of attitude in support of this expansion option reported at about sixty (60) percent.

5a. Please tell me whether you FAVOR/ OPPOSE...A MARINE HARBOR FOR RECREATIONAL BOATING?

ALL RESPONDENTS	<u>TOTAL</u> 400 100.0%
FAVOR	158 39.4%
OPPOSE	184 46.0%
IF VOLUNTEERED: MAKES NO DIFFERENCE	31 7.8%
DON'T KNOW/NOT ANSWERING	27 6.8%

5b. How strongly do you FAVOR/OPPOSE...A MARINE HARBOR FOR RECREATIONAL BOATING?

Note:

- Includes only those who took either a FAVOR or OPPOSE position

FAVOR	<u>TOTAL</u> 158 100.0%	OPPOSE	<u>TOTAL</u> 184 100.0%
FAVOR A LOT	87 55.1%	OPPOSE A LOT	126 68.5%
FAVOR A LITTLE	68 43.0%	OPPOSE A LITTLE	52 28.2%
FAVOR, BUT DON'T KNOW/ NOT ANSWERING	3 1.9%	OPPOSE, BUT DON'T KNOW/ NOT ANSWERING	6 3.3%

Comment: Here the favor/oppose ratio is clearly weighted toward "OPPOSE" responses. Moreover, the intensity of opposition attitude toward this option at nearly seventy (70) percent, among this sub-set, is noteworthy.

Question Series 6 and 7:

Advantages/ Disadvantages of Building Boat Harbor in Evanston:

6-7. Our survey today is about a possible new marina that is being considered in Evanston, Illinois in the vicinity of South Boulevard near Calvary Cemetery. This new proposed marina would accommodate boats between 25 feet and 50 feet. Amenities would include secured access to docks, parking, launch ramps, fuel facility, water and electric services, pump-out, restrooms, fish cleaning station and vending machines. Other marina services may also be available. (Response detail and comment presented on the following page).

What would be the ADVANTAGE of building a boat harbor in Evanston? Give me an example.

What would be the DISADVANTAGE of building a boat Harbor in Evanston? Give me an example.

Note:

- Because some respondents volunteered multiple answers, the percentages shown are based on the total number of responses in each column, and NOT on the total number of respondents (400).

ALL RESPONSES	<u>TOTAL</u> 444 100.0%	ALL RESPONSES	<u>TOTAL</u> 456 100.0%
ECONOMIC IMPACTS	84 18.9%	ECONOMIC IMPACTS	43 9.4%
WILL GENERATE MONEY TO THE CITY/ BRING IN REVENUE TO THE CITY	73 16.0%		
ALL OTHER ECONOMIC IMPACTS	11 2.5%		
ENVIRONMENTAL IMPACTS	31 7.0%	ENVIRONMENTAL IMPACTS	302 66.2%
		MORE TRAFFIC/ CONGESTION	184 40.4%
OTHER IMPACTS	138 31.0%	OTHER IMPACTS	52 11.4%
ADDITIONAL AMENITIES FOR BOATERS/ BENEFITS FOR THE BOATERS	47 10.6%		
ALL OTHER IMPACTS	91 20.5%		
NO ADVANTAGE/ NONE/ CAN'T THINK OF ANY ADVANTAGE	157 35.4%	NO ADVANTAGE/ NONE/ CAN'T THINK OF ANY ADVANTAGE	40 8.8%
DON'T KNOW/ NOT ANSWERING	34 7.7%	DON'T KNOW/ NOT ANSWERING	19 4.2%

Comment:

In the comparison between advantages and disadvantages of building a boat harbor in Evanston, by a wide margin the disadvantages predominate...the major one being "MORE TRAFFIC/ CONGESTION." In response to the "ADVANTAGES" question, the largest entry by far was: "CAN'T THINK OF ANY ADVANTAGE." However, at a much lower level of response, it was recognized that a harbor "WOULD BRING IN REVENUE TO THE CITY."

Question Series 8a-c:

Boat Harbor Effect on Quality of Life in Evanston:

8a. Do you think a boat harbor would affect the quality of life in Evanston?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0%
YES	242 60.5%
NO	134 33.5%
DON'T KNOW/ NOT ANSWERING	24 6.0%

Comment: About 3/5 (60%) of the respondents stated that a boat harbor would affect quality of life in Evanston.

8b. If YES, Would it affect thee quality of life favorably or unfavorably?

	<u>TOTAL</u>
ALL RESPONDENTS	242 100.0%
FAVORABLY	67 27.7%
UNFAVORABLY	151 62.4%
DON'T KNOW/ NOT ANSWERING	24 9.9%

Comment: Of the 60% of respondents noted above, 151, or about 5 out of 8 (62.4%), stated that the effect on quality of life would be unfavorable.

8c. In what way do you think a boat harbor would favorably/unfavorably affect the quality of life in Evanston?

Note:

- Because some respondents volunteered multiple answers, the percentages shown are based on the total number of responses in each column, and NOT on the total number of respondents (400).

- ONLY the respondents who answered FAVORABLY or UNFAVORABLY to question 8b were asked this question.

	<u>TOTAL</u>	
ALL RESPONSES	266	100.0%
FAVORABLY	79	UNFAVORABLY
	29.7%	68.8%
ECONOMIC IMPACTS	22	ECONOMIC IMPACTS
	8.3%	12
		4.5%
MORE MONEY IN EVANSTON	22	
MORE REVENUE/ WOULD	8.3%	
ENHANCE BUSINESS		
ENVIRONMENTAL IMPACTS	0	ENVIRONMENTAL IMPACTS
	0%	139
		52.3%
		MORE TRAFFIC/
		CONGESTION
		95
		35.7%
		MORE AIR POLLUTION/
		WATER POLLUTION/
		49
		18.4%
		NEGATIVE ENVIRONMENTAL
		IMPACT
OTHER IMPACTS	57	OTHER IMPACTS
	21.4%	32
		12%
NO DISADVANTAGES/ NONE/	1	
CAN'T THINK OF ANY	0.4%	
DON'T KNOW/ NOT ANSWERING	3	
	1.1%	

Comment: Of those perceiving an unfavorable impact on quality of life, the primary ways contributing to this condition were specified as “MORE CONGESTION/ TRAFFIC” and “MORE AIR/ WATER POLLUTION.” These two (2) ways combined equaled about seventy nine (79) percent of the total of unfavorable “ways” responses.

Question Series 9a-c:

Opinion on Whether Boat Harbor in Evanston Would Make a Difference to Environment....

9a. Do you think that a boat harbor in Evanston would make any difference to the environment?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0%
YES	240 60.0%
NO	114 28.5%
DON'T KNOW/ NOT ANSWERING	46 11.5%

Comment: Three out of five (60%) of respondents stated "YES"...a boat harbor in Evanston would make a difference to the environment.

9b. If yes, would it have a favorable or unfavorable impact on the environment?

	<u>TOTAL</u>
ALL RESPONDENTS	240 100.0%
FAVORABLE	7 2.9%
UNFAVORABLE	217 90.4%
DON'T KNOW/ NOT ANSWERING	16 6.7%

Comment: Of the two hundred forty (240) "YES" responses noted above, an overwhelming 90.4% said the harbor would have an unfavorable impact on the environment.

9c. In what way do you think a boat harbor would FAVORABLY/UNFAVORABLY impact the environment?

Note:

- Because some respondents volunteered multiple answers, the percentages shown are based on the total number of responses in each column, and NOT on the total number of respondents (400).

- ONLY the respondents who answered FAVORABLY or UNFAVORABLY on question 9b were asked this question.

	<u>TOTAL</u>	
ALL RESPONSES	367	100.0%
FAVORABLY	5	1.4%
UNFAVORABLY	356	97.0%
ECONOMIC IMPACTS	0	0%
ECONOMIC IMPACTS	5	1.4%
ENVIRONMENTAL IMPACTS	0	0%
ENVIRONMENTAL IMPACTS	321	87.5%
	<u>MORE AIR POLLUTION/ WATER POLLUTION/ NEGATIVE ENVIRONMENTAL IMPACT</u>	189 51.5%
	<u>MORE TRASH</u>	58 15.8%
OTHER IMPACTS	5	1.4%
OTHER IMPACTS	30	8.1%
DON'T KNOW/ NOT ANSWERING	6	1.6%

Comment: Of 367 total responses to this question, about 97% reflected UNFAVORABLE impacts on the environment. Within this cohort of responses, the leading unfavorable “way” specified was “MORE AIR POLLUTION/ WATER POLLUTION/ NEGATIVE ENVIRONMENTAL IMPACTS,” with about 52% of the total responses followed by “MORE TRASH” perceived with about 16% of total responses.

Question 10:

Opinions on Whether A Recreational Boat Harbor in Evanston Would Produce Various Impacts, as Specified Below:

10. Urban planners say there are both benefits and problems associated with boat harbors. Do you think a recreational boat harbor in Evanston would...?

...CONTRIBUTE TO CITY REVENUES THROUGH TAXES AND FEES IMPOSED ON MARINA OPERATIONS AND BOATERS?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0%
YES	287 71.8%
NO	74 18.5%
DON'T KNOW/ NOT ANSWERING	39 9.8%

Comment: In contrast to previously noted unfavorable environmental impacts, respondents at the 70% level stated that the boat harbor would contribute to city revenues.

...CONTRIBUTE TO YOUTH RECREATION?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0%
YES	169 42.3%
NO	205 51.3%
DON'T KNOW/ NOT ANSWERING	26 6.5%

Comment: About one-half (1/2) of respondents stated that a boat harbor would not contribute to local youth recreation.

...CONTRIBUTE TO LOCAL BUSINESS IN EVANSTON?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0%
YES	222 55.5%
NO	162 40.5%
DON'T KNOW/ NOT ANSWERING	16 4.0%

Comment: The economic value to local businesses of the presence of a harbor was recognized by about 55% of the respondents.

...MAKE THE LAKE-FRONT MORE INTERESTING?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0%
YES	198 49.5%
NO	190 47.5%
DON'T KNOW/ NOT ANSWERING	12 3.0%

Comment: Respondents were about equally divided on the issue of whether a harbor would make the lake-front more interesting.

...ATTRACT MORE PEOPLE TO LIVE IN EVANSTON?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0%
YES	156 39.0%
NO	220 55.0%
DON'T KNOW/ NOT ANSWERING	24 6.0%

Comment: The preponderance (55%) of opinion was that the presence of a harbor would not attract more people to live in Evanston.

...IMPROVE FISHING OPPORTUNITIES?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0%
YES	176 44.0%
NO	160 40.0%
DON'T KNOW/ NOT ANSWERING	64 16.0%

Comment: By a slight margin, respondents felt that the presence of a harbor would improve fishing opportunities.

...CREATE JOBS IN EVANSTON?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0%
YES	237 59.3%
NO	146 36.5%
DON'T KNOW/ NOT ANSWERING	17 4.3%

Comment: About 3 out of 5 respondents (59.3%) averred that the presence of a boat harbor would contribute to job creation in Evanston.

Question Series 11a, b:

Opinions on Whether the Building of a Recreational Boat Harbor in Evanston would be Accompanied by Any One of a Possible Series of Problems....:

11. If a recreational boat harbor were built in Evanston, would you expect there to be a problem?

11b. WITH THE QUALITY OF THE LAKE WATER?

	<u>TOTAL</u>
ALL RESPONDENTS	400
	100.0
YES	221
	55.3
SLIGHT PROBLEM	72
	18.0
SERIOUS PROBLEM	118
	29.5
DON'T KNOW/ NOT ANSWERING	31
	7.8
NO	135
	33.8
DON'T KNOW/ NOT ANSWERING	44
	11.0

Comment: Slightly over one-half (55.3%) expected a lake water quality problem, and over one-half of that number viewed the problem as serious.

11b. WITH OIL AND GAS DISCHARGES?

	<u>TOTAL</u>
ALL RESPONDENTS	400
	100.0
YES	310
	77.5
SLIGHT PROBLEM	89
	22.3
SERIOUS PROBLEM	185
	46.3
DON'T KNOW/ NOT ANSWERING	36
	9.0
NO	66
	16.5
DON'T KNOW/ NOT ANSWERING	24
	6.0

Comment: About three-quarters (3/4) of respondents expected a problem with oil and gas discharges, and nearly one-half of this number regarded the potential problem as serious.

11b. WITH LAKESIDE OR BEACH EROSION?

	<u>TOTAL</u>
ALL RESPONDENTS	400
	100.0
YES	169
	42.3
SLIGHT PROBLEM	47
	11.8
SERIOUS PROBLEM	101
	25.3
DON'T KNOW/ NOT ANSWERING	21
	5.3
NO	131
	32.8
DON'T KNOW/ NOT ANSWERING	100
	25.0

Comment: About 2 out of 5 (42.3%) expect lake-side or beach erosion to be a problem, while about one-fourth (25.3%) of respondents characterized the problem as serious.

11b. WITH CHANGES IN THE NOISE LEVEL ALONG THE LAKE-FRONT?

	<u>TOTAL</u>
ALL RESPONDENTS	400
	100.0
YES	309
	77.3
SLIGHT PROBLEM	90
	22.5
SERIOUS PROBLEM	200
	50.0
DON'T KNOW/ NOT ANSWERING	19
	4.8
NO	78
	19.5
DON'T KNOW/ NOT ANSWERING	13
	3.3

Comment: Slightly over three-quarters (77.3%) of respondents expect changes in the noise level along the lake-front, with one-half (50.0%) regarding it as a serious problem.

11b. WITH AUTOMOBILE TRAFFIC CONGESTION?

	<u>TOTAL</u>
ALL RESPONDENTS	400
	100.0
YES	338
	84.5
SLIGHT PROBLEM	68
	17.0
SERIOUS PROBLEM	261
	65.3
DON'T KNOW/ NOT ANSWERING	9
	2.3
NO	53
	13.3
DON'T KNOW/ NOT ANSWERING	9
	2.3

Comment: Over 4 out of 5 (84.5%) expected automobile traffic congestion to be a problem with 2/3 (65.3%) identifying it as a serious problem.

11b. WITH PARKING?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0
YES	328 82.0
SLIGHT PROBLEM	50 12.5
SERIOUS PROBLEM	266 66.5
DON'T KNOW/ NOT ANSWERING	12 3.0
NO	64 16.0
DON'T KNOW/ NOT ANSWERING	8 2.0

Comment: Predictably, as a “companion” to traffic congestion, “parking” was recorded as an expected problem, and a serious one, with almost the identical metrics associated with traffic congestion, noted above.

11b. WITH THE APPEARANCE OF THE LAKE-FRONT?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0
YES	184 46.0
SLIGHT PROBLEM	45 11.3
SERIOUS PROBLEM	136 34.0
DON'T KNOW/ NOT ANSWERING	3 0.8
NO	192 48.0
DON'T KNOW/ NOT ANSWERING	24 6.0

Comment: “YES”/ “NO” responses were about equally divided relative to expecting a problem with the appearance of the lake-front. About one-third (34%) thought the problem would be serious.

11b. WITH THE QUALITY AND QUANTITY OF FISHING?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0
YES	101 25.3
SLIGHT PROBLEM	26 6.5
SERIOUS PROBLEM	64 16.0
DON'T KNOW/ NOT ANSWERING	11 2.8
NO	149 37.3
DON'T KNOW/ NOT ANSWERING	150 37.5

Comment: By about a 3:2 margin, respondents did not expect a problem to arise in connection with quality/quantity of fishing.

11b. WITH CHANGES IN WATER CURRENTS AND CIRCULATION?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0
YES	137 34.3
SLIGHT PROBLEM	51 12.8
SERIOUS PROBLEM	66 16.5
DON'T KNOW/ NOT ANSWERING	20 5.0
NO	112 28.0
DON'T KNOW/ NOT ANSWERING	151 37.8

Comment: By about an 8:7 ratio, the "YES" exceeded the "NO" responses, in expected changes in water currents and circulation. About 1 out of 6 viewed the problem as serious.

11b. WITH THE BUILD-UP OF SILT AND SAND ALONG THE LAKEFRONT?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0
YES	160 40.0
SLIGHT PROBLEM	50 12.5
SERIOUS PROBLEM	90 22.5
DON'T KNOW/ NOT ANSWERING	20 5.0
NO	107 26.8
DON'T KNOW/ NOT ANSWERING	133 33.3

Comment: By a 3:2 ratio, expectation of a problem of silt build-up exceeded a "NO" expectation of the same, with about 1/5 (22.5%) of respondents viewing the problem as serious.

11b. WITH SECURITY AND GROUND MAINTENANCE?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0
YES	194 48.5
SLIGHT PROBLEM	69 17.3
SERIOUS PROBLEM	109 27.3
DON'T KNOW/ NOT ANSWERING	16 4.0
NO	167 41.8
DON'T KNOW/ NOT ANSWERING	39 9.8

Comment: By a 7:6 ratio, the "YES" exceeded the "NO" responses in expecting a problem with Security/Ground Maintenance. About one-fourth (27.3%) regarded it as a serious problem.

Question 12:

Other Impacts from Boat Harbor in Evanston:

12a. Do you think there would be any other impact from a boat harbor in Evanston that was not mentioned?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0
YES	70 17.5
NO	319 79.8
DON'T KNOW/ NOT ANSWERING	11 62.8

Comment: By a 4.5:1 ratio, the respondents stated all the impacts were previously identified above.

12b. IF YES, What is that?

	<u>TOTAL</u>
ALL RESPONSES	86 100.0
ECONOMIC IMPACTS:	9 10.5%
ENVIRONMENTAL IMPACTS:	35 40.7%
OTHER IMPACTS (NET):	39 45.3%
DON'T KNOW/ NOT ANSWERING	3 3.5%

Comment: With only 86 responses to this question, no single identified impact recorded a significant percentage of the responses.

Question 13:

Relative to Environmental Impacts, Favor/ Oppose Boat Harbor in Evanston:

13. Taking into consideration environmental impacts and benefits, are you inclined to favor or oppose building a recreational boat harbor in Evanston?

	<u>TOTAL</u>
ALL RESPONDENTS	400
	100.0
FAVOR	138
	34.5
OPPOSE	230
	57.5
IF VOLUNTEERED: MAKES	8
NO DIFFERENCE	2.0
DON'T KNOW/	24
NOT ANSWERING	6.0

Comment: By a 5:3 ratio, respondents OPPOSE building a recreational boat harbor in Evanston after taking into consideration environmental impacts and benefits.

Question 14:

If Fees/ Taxes Covered Increased Costs Associated with Harbor, Respondents More/ Less Likely to Favor Boat Harbor in Evanston:

14. If the fees and taxes imposed on marina operations and boaters were able to cover the increased costs associated with operating a boat harbor, such as security services, ground maintenance, and other needs, would you be more or less likely to favor building a recreational boat harbor in Evanston?

	<u>TOTAL</u>
ALL RESPONDENTS	400
	100.0
MORE LIKELY	179
	44.8
LESS LIKELY	144
	36.0
IF VOLUNTEERED: MAKES	60
NO DIFFERENCE	15.0
DON'T KNOW/	17
NOT ANSWERING	4.3

Comment: By a small margin (5:4), the residents of Evanston are more likely to favor building a boat harbor in Evanston if the fees and taxes on marina operations and boaters were able to cover the increased costs of a boat harbor.

Question 17:

Chances of Applying for Slip if Boat Harbor is Built in Evanston:

17. If a boat harbor is built in Evanston, what are the chances that you will want to apply for a slip there, assuming the costs were acceptable to you?

	<u>TOTAL</u>
ALL RESPONDENTS	400
	100.0
DEFINITELY	32
	8.0
MAYBE	46
	11.5
DEFINITELY NOT	321
	80.3
DON'T KNOW/ NOT ANSWERING	1
	0.3

Comment: About 80% of the Evanston residents surveyed definitely would not apply for a slip at a boat harbor built in Evanston, even if the costs were acceptable.

CROSS TABULATIONS

of

SURVEY DATA

and

RELATED ANALYTICAL COMMENTARY

A NOTE ON CROSS TABULATIONS

1. Cross-tabulations were run to refine an understanding of data. For example, the cross-tabbing of findings on advantages of building a boat harbor in Evanston against various respondent demographic characteristics-boat ownership, rent/ own home, gender, etc. illustrates the function.
2. On the basis of respondent resident location sorting, cross-tabs were run against several favor/ oppose type questions to determine if and how answer patterns changed by respondent geographic location. In this connection:
 - a. Ridge Avenue and Church Street were used as the East-West and North-South dividers respectively, to determine if and how survey responses differed by virtue of respondents' residing either East or West of Ridge Avenue, or North or South of Church Street.
 - b. Evanston was divided into quadrants, as formed by the intersection of Ridge Avenue and Church Street. Clock-wise, this resulted in North-East, South-East, South-West, and North-West quadrants. Subsequently, key approve/ oppose type questions were cross-tabbed against the responses from each quadrant to determine what differences, if any, might emerge in response patterns quadrant by quadrant.
3. Selected cross-tabulations follow next.

FAVOR OR OPPOSE A MARINE HARBOR FOR RECREATIONAL BOATING?

	Number	MALE vs. FEMALE		
	Row Pct			
	Col Pct			
		MALE	FEMALE	Row Total
Favor Marine Harbor		69	89	158
		43.7	56.3	39.5
		42.1	37.7	
		-----	-----	
Oppose Marine Harbor		74	110	184
		40.2	59.8	46
		45.1	46.6	
		-----	-----	
No Difference		10	21	31
		32.3	67.7	7.8
		6.1	8.9	
		-----	-----	
Don't Know/ Not Answering		11	16	27
		40.8	59.2	6.8
		6.7	6.8	
Column Total		164	236	400
		41	59	100

Comment: Opposition prevails among both genders, but on a relative scale females more than males. That is, among women, the oppose/ favor ratio is 11:9; among men, the opposition is reduced with the oppose/ favor ratio approaching 1.0.

FAVOR OR OPPOSE A MARINE HARBOR FOR RECREATIONAL BOATING?

	Number	Own Homes vs. Rent Homes			
	Row Pct				
	Col Pct	Own Home	Rent Home	Don't Know/ Not Answering	Row Total
Favor Marine Harbor		115	43	0	158
		72.8	27.2	0	39.5
		37.1	48.9	0	
Oppose Marine Harbor		-----	-----	-----	
		153	29	2	184
		83.2	15.8	1.1	46
No Difference		49.3	33	100	
		-----	-----	-----	
		20	11	0	31
Don't Know/ Not Answering		64.5	35.5	0	7.8
		6.5	12.5	0	
		-----	-----	-----	
Column Total		22	5	0	27
		81	18.5	0	6.8
		7.1	5.7	0	
Column Total		310	88	2	400
		77.5	22	0.5	100

Comment: Home Owners oppose the marine harbor 4:3, while renters favor a marine harbor 3:2.

FAVOR OR OPPOSE A MARINE HARBOR FOR RECREATIONAL BOATING?

	Number	NORTH vs. SOUTH of Church Street?			
	Row Pct				
	Col Pct	NORTH of Church	SOUTH of Church	Don't Know/ Not Answering	Row Total
Favor Marine Harbor		71	86	1	158
		45	54.4	0.6	39.5
		41.8	37.7	50	
		-----	-----	-----	
Oppose Marine Harbor		72	111	1	184
		39.1	60.3	0.5	46
		42.4	48.7	50	
		-----	-----	-----	
No Difference		13	18	0	31
		42	58	0	7.8
		7.6	7.9	0	
		-----	-----	-----	
Don't Know/ Not Answering		14	13	0	27
		51.9	48.1	0	6.8
		8.2	5.7	0	
Column Total		170	228	2	400
		42.5	57	0.5	100

Comment: Those who live South of Church Street oppose the marine harbor 4:3, but those who live North of Church Street are split almost equally between favoring and opposing the marine harbor.

FAVOR OR OPPOSE A MARINE HARBOR FOR RECREATIONAL BOATING?

	Number	EAST vs. WEST of Ridge Avenue			
	Row Pct				
	Col Pct	EAST of Ridge	West of Ridge	Don't Know/ Not Answering	Row Total
Favor Marine Harbor		84	74	0	158
		53.2	46.8	0	39.5
		43.3	36.3	0	
		-----	-----	-----	
Oppose Marine Harbor		84	98	2	184
		45.7	53.3	1.1	46
		43.3	48	100	
		-----	-----	-----	
No Difference		15	16	0	31
		48.4	51.6	0	7.8
		7.7	7.8	0	
		-----	-----	-----	
Don't Know/ Not Answering		11	16	0	27
		40.7	59.3	0	6.8
		5.7	7.8	0	
Column Total		194	204	2	400
		48.5	51	0.5	100

Comment: Those who live East of Ridge are split equally between favoring and opposing the marine harbor, while those who live West of Ridge oppose the marine harbor 4:3.

FAVOR OR OPPOSE A MARINE HARBOR FOR RECREATIONAL BOATING?

Number					
Row Pct The distance they live from Lake Michigan (among those who live EAST of Ridge)					
Col Pct					
	Within 3 Blocks	3 to 6 Blocks	Over 6 Blocks	Don't Know/ Not Answering	Row Total
Favor Marine Harbor	26	38	18	2	84
	31	45.2	21.4	2.4	43.3
	33.8	49.4	47.4	100	
Oppose Marine Harbor	-----	-----	-----	-----	
	40	28	16	0	84
	47.6	33.3	19	0	43.3
No Difference	52	36.4	42.1	0	
	-----	-----	-----	-----	
	6	6	3	0	15
Don't Know/ Not Answering	40	40	20	0	7.7
	7.8	7.8	7.9	0	
	-----	-----	-----	-----	
Column Total	5	5	1	0	11
	45.5	45.5	9	0	5.7
	6.5	6.5	2.6	0	
Column Total	77	77	38	2	194
	39.7	39.7	19.6	1	100

Comment: Those who live within 3 blocks from Lake Michigan oppose the marine harbor 3:2; those who live 3 to 6 blocks from Lake Michigan favor the marine harbor 4:3, and those who live over 6 blocks from Lake Michigan are split almost equally between favoring and opposing the marine harbor.

FAVOR OR OPPOSE A MARINE HARBOR FOR RECREATIONAL BOATING?

	Number	Geographic Location from Church and Ridge Intersection		
	Row Pct			
	Col Pct			
		N/E	N/W	Row Total
Favor Marine Harbor		26	46	72
		36.1	63.9	42.1
		46.4	40	
		-----	-----	
Oppose Marine Harbor		20	52	72
		27.8	72.2	42.1
		35.7	45.2	
		-----	-----	
No Difference		6	7	13
		46.2	53.8	7.6
		10.7	6.1	
		-----	-----	
Don't Know/ Not Answering		4	10	14
		28.6	71.4	8.2
		7.1	8.7	
Column Total		56	115	171
		14	28.8	100

Note: For both those who live N/E and N/W of Church and Ridge, the reaction is split between Favor and Oppose Marine Harbor. The N/E has an approximate 5:4 Favor/Oppose ratio and the N/W has about a 11:13 ratio.

FAVOR OR OPPOSE A MARINE HARBOR FOR RECREATIONAL BOATING?

	Number	Geographic Location from Church and Ridge Intersection	
Row Pct			
Col Pct			
	N/E	S/E	Row Total
Favor Marine Harbor	26	57	83
	31.3	68.7	42.6
	46.4	41	
	-----	-----	
Oppose Marine Harbor	20	65	85
	23.5	76.5	43.6
	35.7	46.8	
	-----	-----	
No Difference	6	10	16
	37.5	62.5	8.2
	10.7	7.2	
	-----	-----	
Don't Know/ Not Answering	4	7	11
	36.4	63.6	5.6
	7.1	5	
Column Total	56	139	195
	28.7	71.3	100

Note: For both those who live N/E and S/E of Church and Ridge, the reaction is split between Favor and Oppose Marine Harbor. The N/E has approximately a 5:4 Favor/Oppose ratio and the S/E has about a 7:8 ratio.

FAVOR OR OPPOSE A MARINE HARBOR FOR RECREATIONAL BOATING?

	Geographic Location from Church and Ridge Intersection		
	N/E	S/W	Row Total
Favor Marine Harbor	26 47.3 46.4 -----	29 52.7 32.2 -----	55 37.7
Oppose Marine Harbor	20 30.8 35.7 -----	45 62.2 50 -----	65 44.5
No Difference	6 40 10.7 -----	9 60 10 -----	15 10.3
Don't Know/ Not Answering	4 36.4 7.1	7 63.6 7.8	11 7.5
Column Total	56 38.4	90 61.6	146 100

Note: While the N/E Favor/ Oppose ratio is approximately 5:4, relative to the Marine Harbor, the S/W Opposes the Marine Harbor by almost 3:2.

FAVOR OR OPPOSE A MARINE HARBOR FOR RECREATIONAL BOATING?

	Geographic Location from Church and Ridge Intersection		
	N/W	S/E	Row Total
Favor Marine Harbor	46 44.7 40 -----	57 55.3 41 -----	103 40.6
Oppose Marine Harbor	52 44.4 45.2 -----	65 55.6 46.8 -----	117 46.1
No Difference	7 41.2 6.1 -----	10 58.8 7.2 -----	17 6.7
Don't Know/ Not Answering	10 58.8 8.7	7 41.2 5	17 6.7
Column Total	115 45.3	139 54.7	254 100

Note: Both N/W and S/E quadrants oppose by approximate slight margins, 11:13 and 8:9, respectively, the proposed Marine Harbor.

FAVOR OR OPPOSE A MARINE HARBOR FOR RECREATIONAL BOATING?

	Geographic Location from Church and Ridge Intersection		
Number	N/W	S/W	Row Total
Row Pct			
Col Pct			
Favor Marine Harbor	46	29	75
	61.3	38.7	36.6
	40	32.2	
	-----	-----	
Oppose Marine Harbor	52	45	97
	53.6	46.4	47.3
	45.2	50	
	-----	-----	
No Difference	7	9	16
	43.8	56.2	7.8
	6.1	10	
	-----	-----	
Don't Know/ Not Answering	10	7	17
	58.8	41.2	8.3
	8.7	7.8	
Column Total	115	90	205
	56.1	43.9	100

Note: Both the N/W and S/W quadrants Oppose the Marine Harbor.
The N/W opposes by a small margin with an approximate 11:13
Favor/Oppose ratio, while the S/W Opposes the Marine Harbor
by 3:2.

FAVOR OR OPPOSE A MARINE HARBOR FOR RECREATIONAL BOATING?

	Number		
	Row Pct	Geographic Location from Church and Ridge Intersection	
	Col Pct		
		S/E	S/W
			Row Total
Favor Marine Harbor		57	29
		66.3	33.7
		41	32.2
		-----	-----
Oppose Marine Harbor		65	45
		59.1	40.9
		46.8	50
		-----	-----
No Difference		10	9
		52.6	47.4
		7.2	10
		-----	-----
Don't Know/ Not Answering		7	7
		50	50
		5	7.8
		-----	-----
Column Total		139	90
		60.7	39.3
			100

Note: While the S/E is split between Favor/Oppose Marine Harbor, the S/W Opposes the Marine Harbor by almost 3:2. Both quadrants oppose the Marine Harbor, but the favor/ oppose ratio at 2:3 for the S/W reflects a much higher level of opposition than the S/E with a favor/ oppose ratio of about 7:8.

FAVOR OR OPPOSE A MARINE HARBOR FOR RECREATIONAL BOATING?

	Geographic Location from Church and Ridge Intersection				
	N/E	N/W	S/E	S/W	Row Total
Favor Marine Harbor	26	46	57	29	158
	16.5	29.1	36.1	18.4	39.5
	46.4	40	41	32.2	
	-----	-----	-----	-----	
Oppose Marine Harbor	20	52	65	45	182
	11	28.6	35.7	24.7	45.5
	35.7	45.2	46.8	50	
	-----	-----	-----	-----	
No Difference	6	7	10	9	32
	18.8	21.9	31.3	28.1	8
	10.7	6.1	7.2	10	
	-----	-----	-----	-----	
Don't Know/ Not Answering	4	10	7	7	28
	14.3	35.7	25	25	7
	7.1	8.7	5	7.8	
	-----	-----	-----	-----	
Column Total	56	115	139	90	400
	14	28.8	34.8	22.5	100

Note: After reviewing the cross-tabulations quadrant from the Church and Ridge Intersection, the Northeast, Northwest and Southeast quadrants do not reflect a dominant opinion on the Marine Harbor. The Northwest and Southeast quadrants slightly oppose, while the Northeast slightly favors the Marine Harbor. The Southwest has a 3:2 Favor/Oppose Ratio. In total, 182/400 (45.5%) Oppose the Marine Harbor and 158/400 (39.5%) Favor the Marine Harbor, with the remainder of the respondents in these categories recording: No Difference; Don't Know/ Not Answering. If constructed, the Marine Harbor would be located in the S/E quadrant.

CONCLUSIONS

- Opposition to the proposed lake-front harbor marina, on environmental grounds, is the dominant, over-arching, prevailing view among survey respondents. Those who oppose tend to hold their views/ attitudes strongly.
- Specifically, the following potential problem areas, associated with the proposed marina, registered substantial pluralities in the survey response counts:
 - Traffic Congestion/ Parking
 - Higher Noise Levels
 - Oil/ Gas Discharges
 - Impaired Water Quality
- The highest response totals, in the “oppose” market segment, came from survey respondents with this profile description:
 - Women, when compared to men.
 - Home-Owners, when compared to renters.
 - Non-Boat Owners, when compared to boat owners.
 - Live within three (3) blocks of the Lake, when compared to those who live three (3) to six (6) blocks from the Lake or over six (6) blocks from the Lake.
 - Live South of Church Street, when compared to those who live North of Church Street
 - Live West of Ridge Avenue, when compared to those who live East of Ridge Avenue
 - Live in the South-West Quadrant of Evanston (West of Ridge Avenue and South of Church Street), when compared to any one (1) of the other three (3) quadrants.
- There is, however, no blanket, unequivocal opposition to Evanston Lake-Front development/ expansion. The following development options registered substantial “in favor” pluralities:

- Expansion of Beaches
- More Parks and Green Space
- From an economic perspective, the proposed project is viewed more favorably, with the following attendant advantages, recognized by respondents, as potential positive accruals for the undertaking:
 - Contribution to City Revenues Through Taxes/ Fees on Marina
 - Stimulus to Local Business
 - Creation of Jobs in Evanston

SUMMARY EVALUATION

On balance, viewed in isolation (apart from the findings of other feasibility studies currently in process), the findings of this survey of Evanston residents only, per se do not appear to support investment in a continued evaluation of the feasibility of a lake-front harbor/ marina in Evanston.

APPENDIX

Exhibit A

9/29/03 - ACOE EVANSTON RESIDENT

OMB #0710-0001, EXPIRES 30NOV05

Hello, my name is _____ from Survey Center. We're conducting a brief survey on behalf of the U.S. Army Corps of Engineers about the Evanston lakefront. This information is being collected for internal analytical purposes only and will not be publicly released in a format that can be identified with individual respondents. Participation is strictly voluntary. The interview will last approximately ten minutes, on average. May I speak with the man or woman of the house? () YES () NO...**IF NOT AVAILABLE, MAKE APPOINTMENT FOR CALLBACK.**

1a. How long have you lived in Evanston? _____ YRS **IF LESS THAN ONE YEAR, SKIP TO "JFR."**

2. During this past summer, did any members of your household go to a private or public beach in Evanston? () YES () NO

3a. And did any members of your household use any of the parks along the lakefront? () YES () NO

b. And, during this past summer, did any of the members of your household go swimming in the lake in Evanston? () YES () NO

c. And did any members of your household do any boating or sailing on the lake at or near Evanston? () YES () NO

4. Does your household drink Lake Michigan water? () YES () NO

5a. Various proposals have been made by city planners for the Evanston lakefront. Please tell me whether you favor or oppose... **IF VOLUNTEERED: MAKES NO DIFFERENCE**

b. How strongly do you favor/oppose (**ASK FOR EACH**). Is that a lot or a little?

a. Favor or Oppose

b. A lot or a little

...Expansion of Evanston beaches?

() FAVOR () OPPOSE
SPON: () NO DIFFERENCE

() A LOT () A LITTLE

...More parks and green space along the lakefront?

() FAVOR () OPPOSE
SPON: () NO DIFFERENCE

() A LOT () A LITTLE

...A marine harbor for recreational boating?

() FAVOR () OPPOSE
SPON: () NO DIFFERENCE

() A LOT () A LITTLE

Our survey today is about a possible new marina that is being considered in Evanston, Illinois in the vicinity of South Boulevard near Calvary Cemetery. This new proposed marina would accommodate boats between 25 feet and 50 feet. Amenities would include secured access to docks, parking, launch ramps, fuel facility, water and electric services, pump-out, restrooms, fish cleaning station and vending machines. Other marine services may also be made available.

6. What would be the advantage of building a boat harbor in Evanston? Give me an example. **PROBE:** Can you think of another example?

7. And, what would be the disadvantage of building a boat harbor in Evanston? **PROBE:** Please give another example.

- 8a. Do you think a boat harbor would affect the quality of life in Evanston?
 () YES () NO...**IF NO, SKIP TO Q9a.**
- b. **IF YES:** Would it affect the quality of life favorably or unfavorably?
 () FAVORABLY () UNFAVORABLY
- c. In what way do you think a boat harbor would favorably/unfavorably affect the quality of life in Evanston?
-
-
-
- 9a. And do you think that a boat harbor in Evanston would make any difference to the environment? () YES () NO **IF NO, SKIP TO Q10.**
- b. **IF YES:** Would it have a favorable or unfavorable impact on the environment?
 () FAVORABLE () UNFAVORABLE
- c. In what way do you think a boat harbor would favorably/unfavorably impact the environment?
-
-
-
10. Urban planners say there are both benefits and problems associated with boat harbors. Do you think a recreational boat harbor in Evanston would...(ASK FOR EACH BELOW)?
- | | |
|---|----------------|
| ...contribute to city revenues through taxes and fees imposed on marina operations and boaters? | () YES () NO |
| ...contribute to youth recreation? | () YES () NO |
| ...contribute to local business in Evanston? | () YES () NO |
| ...make the lakefront more interesting? | () YES () NO |
| ...attract more people to live in Evanston? | () YES () NO |
| ...improve fishing opportunities? | () YES () NO |
| ...create jobs in Evanston? | () YES () NO |

11a. If a recreational boat harbor is built in Evanston, would you expect there to be a problem.....(ASK FOR EACH BELOW)?

b. **ASK FOR EACH "YES" IN Q11a:** Would you guess the problem would be slight or serious?

	<u>a. Problem with...?</u>	<u>b. Slight or Serious?</u>
	() NO () YES	() SLIGHT () SERIOUS
...with the quality of the lake water?	() NO () YES	() SLIGHT () SERIOUS
...with oil and gas discharges?	() NO () YES	() SLIGHT () SERIOUS
...with lakeside or beach erosion?	() NO () YES	() SLIGHT () SERIOUS
...with changes in the noise level along the lakefront?	() NO () YES	() SLIGHT () SERIOUS
...with automobile traffic congestion?	() NO () YES	() SLIGHT () SERIOUS
...with parking?	() NO () YES	() SLIGHT () SERIOUS
...with the appearance of the lakefront?	() NO () YES	() SLIGHT () SERIOUS
...with the quality and quantity of fishing?	() NO () YES	() SLIGHT () SERIOUS
...with changes in water currents and circulation?	() NO () YES	() SLIGHT () SERIOUS
...with the build-up of silt and sand along the lakefront?	() NO () YES	() SLIGHT () SERIOUS
...with security and ground maintenance?	() NO () YES	() SLIGHT () SERIOUS

12a. Do you think there would be any other impact from a boat harbor in Evanston that was not mentioned? () NO () YES

b. **IF YES:** What is that?

13. Taking into consideration environmental impact and benefits, are you inclined to favor or oppose building a recreational boat harbor in Evanston?

() FAVOR () OPPOSE **IF VOLUNTEERED:** () MAKES NO DIFFERENCE

14. If the fees and taxes imposed on marina operations and boaters were able to cover the increased costs associated with operating a boat harbor, such as security services, ground maintenance, and other needs, would you be more or less likely to favor building a recreational boat harbor in Evanston?

() MORE () LESS **IF VOLUNTEERED:** () MAKES NO DIFFERENCE

15a. As we have said, this new harbor is being considered in Evanston, Illinois in the vicinity of South Boulevard near Calvary Cemetery. Do you feel that this is the () BEST SITE FOR THIS MARINA or () DO YOU FEEL THAT THERE IS SOME OTHER EVANSTON LAKEFRONT LOCATION THAT WOULD BE A BETTER SITE FOR THIS MARINA?

b. **IF SOME OTHER LOCATION, ASK:** What other location along the Evanston lakefront do you feel would be the best site for this marina? _____

16a. Does your household own a boat? () YES () NO

b. **IF YES:** What kind of boat do you own? **READ CHOICES**

() KAYAK OR CANOE () SKI JET () SAILBOAT () POWERBOAT () OTHER: SPECIFY _____

c. **IF SAILBOAT OR POWERBOAT, ASK:** Is your boat permanently moored or docked in a harbor on Lake Michigan? () YES () NO

d. **IF YES IN Q16c, ASK:** Where is that? _____

17. **ASK OF ALL:** If a boat harbor is built in Evanston, what are the chances that you will want to apply for a slip there assuming the cost was acceptable to you?
 () DEFINITELY () MAYBE () DEFINITELY NOT
18. In which zip code do you live? _____
19. Do you own or rent your home? () OWN () RENT
- 20a. Do you live North or South of Church Street? () NORTH () SOUTH
- b. And, do you live East or West of Ridge Avenue? () EAST () WEST
- c. **IF EAST OF RIDGE, ASK:** How close do you live to Lake Michigan? Is that...() WITHIN 3 BLOCKS () 3 TO 6 BLOCKS, OR () OVER 6 BLOCKS?

JUST FOR THE RECORD

RECORD FROM OBSERVATION: SEX: () MALE () FEMALE

Thank you for cooperating with this survey and for aiding the U.S. Army Corps of Engineers in collecting data about the Evanston lakefront. Have a nice day/evening. In closing, my name is _____ from Survey Center, L.L.C., located in Chicago. If at any point you have further questions about this study, we can be reached at our toll-free number, 1-800-727-9193. My supervisor's name is _____. If you would like to contact the U.S. Army Corps of Engineers, you can call Dr. David Wallin at (312) 846-5596, between the hours of 7:30 a.m. to 3:30 p.m., Monday through Friday. This questionnaire has been approved for use by the Office of Management and Budget, a federal agency, with a reference number of #0710-0001, Expires 30NOV05. Your name, address, and phone number are being requested for response verification purposes only and will be kept confidential.

NAME: _____ PHONE: _____

INTERVIEWER: _____ DATE: _____

Exhibit B

Note:

Tabulations for the few Back-Ground and Supporting Questions not presented in the Corpus of this Report are all included, as parts of Exhibit B, in the following pages.

Question 1:

Qualifying Respondents

1. How long have you lived in Evanston?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0%

AVERAGE NUMBER OF YEARS 19.9

Question Series 2-4:

Recent Behavioral Experience RE: Evanston Lake-Front/ Lake Michigan Water:

2. During this past summer, did any members of your household go to a private or public beach in Evanston?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0%
YES	288 72.0%
NO	108 27.0%
DON'T KNOW/ NOT ANSWERING	4 1.0%

3a. Did any members of your household use any of the parks along the lakefront?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0%
YES	323 80.8%
NO	74 18.5%
DON'T KNOW/ NOT ANSWERING	3 0.8%

3b. And, during this past summer, did any of the members of your household go swimming in the lake in Evanston?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0%
YES	204 51.0%
NO	193 48.3%
DON'T KNOW/ NOT ANSWERING	3 0.8%

3c. And did any members of your household do any boating or sailing on the lake at or near Evanston?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0%
YES	76 19.0%
NO	322 80.5%
DON'T KNOW/ NOT ANSWERING	2 0.5%

4. Does your household drink Lake Michigan water?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0%
YES	323 80.8%
NO	59 14.8%
DON'T KNOW/ NOT ANSWERING	18 4.5%

Question Series 12a-c:

Other Impacts from Boat Harbor in Evanston:

12a. Do you think there would be any other impact from a boat harbor in Evanston that was not mentioned?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0%
YES	70 17.5%
NO	319 79.8%
DON'T KNOW/ NOT ANSWERING	11 2.8%

12b. If YES, What is it?

Note:

- Because some respondents volunteered multiple answers, the percentages shown are based on the total number of responses in each column, and NOT on the total number of respondents (400).

- ONLY the respondents who answered YES on question 12a were asked this question.

	<u>TOTAL</u>
ALL RESPONSES	86 100.0%
ECONOMIC IMPACTS	9 10.5%
ENVIRONMENTAL IMPACTS	35 40.7%
OTHER IMPACTS	39 45.3%
DON'T KNOW/ NOT ANSWERING	3 3.5%

Question Series 15a-b:

Proposed Location - Best Site for Marina?:

15a. As we have said, this new harbor is being considered in Evanston, Illinois in the vicinity of South Boulevard near Calvary Cemetery. Do you feel that this is the...

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0%
BEST SITE FOR THIS MARINA	175 43.8%
DO YOU FEEL THAT THERE IS SOME OTHER EVANSTON LAKEFRONT LOCATION THAT WOULD BE A BETTER SITE FOR THIS MARINA	140 35.0%
DON'T KNOW/ NOT ANSWERING	85 21.3%

15b. What other location along the Evanston lakefront do you feel would be the best site for this marina?

Note:

- Because some respondents volunteered multiple answers, the percentages shown are based on the total number of responses in each column, and NOT on the total number of respondents (400).
- ONLY the respondents who felt some other location would be a better site for this marina on question 15a were asked this question.
- ONLY the responses with a significant percentage are listed below.

	<u>TOTAL</u>
ALL RESPONDENTS	140 100.0%
NORTHWESTERN PROPERTY	27 19.3%
NO WHERE IN EVANSTON	61 43.6%

Question Series 16-20:

Demographics of the Evanston Residents:

16a. Does your household own a boat?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0%
YES	52 13.0%
NO	348 87.0%
DON'T KNOW/ NOT ANSWERING	0 0%

16b. What kind of boat do you own?

Note:

- ONLY the respondents who own a boat were asked this question.

- ONLY the responses with a significant percentage are listed below.

	<u>TOTAL</u>
ALL RESPONDENTS	52 100.0%
SAILBOAT	29 55.8%
KAYAK or CANOE	12 23.1%
POWERBOAT	10 19.2%

16c. Is your boat permanently moored or docked in a harbor on Lake Michigan?

Note:

- ONLY the respondents who own a boat were asked this question.

	<u>TOTAL</u>
ALL RESPONDENTS	39 100.0%
YES	15 38.5%
NO	16 41.0%
DON'T KNOW/ NOT ANSWERING	8 20.5%

16d. Where is that?

Note:

- ONLY the respondents who answered YES to 16c were asked this question.

- ONLY the responses with a significant percentage are listed below.

	<u>TOTAL</u>
ALL RESPONDENTS	15 100.0%
WILMETTE	5 33.3%
CHICAGO (UNELAB.)	4 26.7%
MONTROSE HARBOR	3 20.0%

18. In which Zip Code do you live?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0%
60201	202 50.5
60202	187 46.8
REFUSED/ NOT ANSWERING	11 2.8

19. Do you own or rent your home?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0%
OWN	310 77.5
RENT	88 22.0
DON'T KNOW/ NOT ANSWERING	2 0.5

20a. Do you live North or South of Church Street?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0%
NORTH	170 42.5
SOUTH	228 57.0
DON'T KNOW/ NOT ANSWERING	2 0.5

20b. And, do you live East or West of Ridge Avenue?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0%
EAST	194 48.5
WEST	204 51.0
DON'T KNOW/ NOT ANSWERING	2 0.5

20c. If you live East of Ridge Avenue, how close do you live to Lake Michigan?

Note:

- ONLY the respondents who live East of Ridge were asked this question.

	<u>TOTAL</u>
ALL RESPONDENTS	194 100.0%
WITHIN 3 BLOCKS	77 39.7
3 TO 6 BLOCKS	77 39.7
OVER 6 BLOCKS	38 19.6
DON'T KNOW/ NOT ANSWERING	2 1.0

Recorded from Observation, Male or Female?

	<u>TOTAL</u>
ALL RESPONDENTS	400 100.0%
MALE	164 41.0
FEMALE	236 59.0